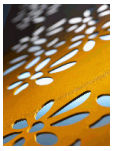
Street furniture technical specifications

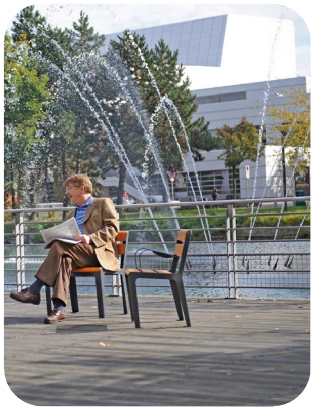
"SYMBIOS" range



Armchair Symbios

JAN-0030/JAN-0031





JAN-0030 or JAN-0031

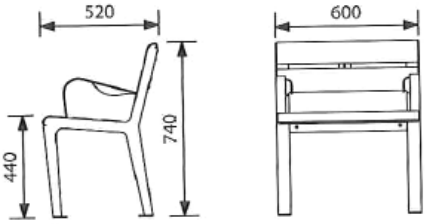
SYMBIOS range:

The SYMBIOS range is the ideal range for making the link between the public place and the private space, preferring conviviality to formality and joyful dispersion to strict alignment.

+ Ideas: The "Symbios" range furniture warmly combines a steel structure with wood. Two versions of wood are available: tropical hardwood treated with a water-based surface coating or recycled materials. The steel structure is produced by 3D laser technology.

+ Design: With an exemplary sobriety, furniture from the "Symbios" range can be arranged in a traditional way. This range highlights the quality of its shapes, materials and finishes.

+ Quality: The finish consists of a double surface treatment which guarantees extremely easy and cost-effective maintenance, and maximum durability.



Reference	Wood essence	Armrests	Delivery
JAN-0030-KI	Hardwood	Yes	Kit
JAN-0030-EQ	Hardwood	Yes	Pre-assembled
JAN-0031-KI	Recycled PE	Yes	Kit
JAN-0031-EQ	Recycled PE	Yes	Pre-assembled

Identification:	
Catalogue	Street furniture
Range	Symbios
Pages	29
Dimensional characteristics:	
Equipment dimensions (LxWxH)	600x520x740 mm
Seat length	600 mm
Seat height	440 mm
Number of places	1
Number of slats	5
Slat section (LxH)	95x39 mm
Weight	25 Kg
Material:	
Base	Galvanised, painted steel
Seat	Hardwood or softwood (depending on version)
Back	Hardwood or softwood (depending on version)
Standard:	
NF EN 335-1	Class 4
NF P 99-610	Yes
Installation:	
Delivery	Kit or pre-assembled (depending on version)
Fixing type	Foundation bolts/pins
Colour:	
Standard base colour *	Azko Futura sanded anthracite grey (N200)
Standard seat and back colours	Light oak

* more than 200 shades available on request

ISO 14001 BUREAU VERITAS Certification

HUSSON INTERNATIONAL S.A Route de l'Europe BP 1 – 68650 LAPOUTROIE – France Tel. : (33) 3 89 47 56 56 – Fax : (33) 3 89 47 26 03 - www.husson.eu - E.mail : husson@husson.eu

Materials data sheet and technical characteristics

Street furniture



+ STEEL

Extremely resistant double coating

All our steel sections feature double-surface coating:

- Treatment 1: hot-dip galvanisation after manufacture (on the inside and outside of the tubes)
- Treatment 2: powder coating (oven-cured powder paint)

This double treatment guarantees optimum protection from corrosion.



+ IRON OR ALUMINIUM CASTING

Efficient method

After being removed from the mould, the cast iron or aluminium parts are stripped, sand-blasted and then coated in oven-cured polyester powder at a temperature of 250°C to form a uniform, protective coat of approximately 100 microns.



+ ASSEMBLY

Stainless steel bolts and screws

For the metal assemblies, we systematically use our special vandal-resistant bolts which cannot be unscrewed without a special HUSSON tool.

For the wooden/metal assemblies, we have also developed a special vandal-resistant stainless steel screw.



+ GUARANTEE

Long-term guarantee

Thanks to the quality of the materials used and to our double surface treatment, our furniture is designed to withstand the harshest climates and vandalism, thus guaranteeing the sustainability of investments.







+ WOOD AND POLYMERS

Many possibilities to meet every requirement

- Tropical hardwood ("ironwood"): We have chosen an extremely tough tropical hardwood ("ironwood") for its exceptional resistance and attractive appearance. As part of its sustainable development approach, HUSSON International is committed to using wood harvested from forests which are managed in an environmentally responsible manner.
- Softwood: Cheaper than hardwood, the softwood selected by HUSSON International has a very attractive appearance and is the number one choice.
- Recycled materials: As part of its sustainable development approach, HUSSON International uses recycled materials for its bench slats and litter bins. The selected materials are extremely stain- and scratch-resistant and reduce maintenance to a bare minimum ==> See "WoodTech" technical specification sheet.
- HPL (High Pressure Laminate): Extremely tough and wear-resistant, flame-retardant, volume-dyed, easy maintenance, high pressure laminate. Available with a wooden texture for a beautiful effect.
- Rotation moulded polymers: The planter and litter bin tubs and some of the street furniture items are made of polymers, generally HDPE (High Density Polyethylene) or PP (Polypropylene). Rotation moulding technology is used to create mechanically-resistant, volume dyed products with complex shapes.



+ WOOD SURFACE TREATMENT

Environmentally-friendly treatment

(For softwood and hardwood)

To improve the long-term durability of the surface coating, and to facilitate their maintenance, we use a vacuum and pressure surface-coating treatment which enables excellent penetration into the wood.

Results:

- Clearly improved durability
- Extremely easy maintenance
- Environmentally-friendly, solvent-free treatment which is safe for users

HUSSON INTERNATIONAL S.A Route de l'Europe BP 1 – 68650 LAPOUTROIE – France Tel. : (33) 3 89 47 56 56 – Fax : (33) 3 89 47 26 03 - www.husson.eu - E.mail : husson@husson.eu